

WORK ORDER 2008-16

Date opened: 5 June 2008

Project: Quick Release Cargo Basket Assembly  
Type: Eurocopter AS350/355 SeriesBatch Quantity: 5 Complete Basket Assembly (77610-01)  
3 With Open Forward End Modification (70406)  
2 With Lid Step (70405)Approval: SH08-16  
Drawing List: DCL776-3

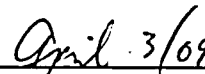
Fabrication and Assembly Drawing(s)	Description
77610, Rev. 0	Basket Ass'y
77611, Rev. 0	Basket Body Ass'y
77612, Rev. 0	Basket Lid Ass'y
36255, Rev. 1	Handle Installation
36261, Rev. 4	Handle Bar Ass'y
36262, Rev. 1	Handle Bracket Ass'y
70405, Rev. 1	Lid Step Mod.
70406, Rev. 0	Open Forward End Mod.

Complete material tracking information on attached pages.

Work Order pre-completion Inspection:

Project is on Approval Limitation Record:	<u>Y</u> ✓
Document Control List revision level matches (or exceeds) STC:	<u>Y</u> ✓
Drawings revision levels match Document Control List:	<u>Y</u> ✓
Purchase order or Work order source is recorded for each part/ass'y:	<u>Y</u> ✓
Tests and inspections specifically called out on drawings are complete:	<u>Y</u> ✓
Release tags associated with all fabricated parts are attached:	<u>Y</u> ✓
All mounting hardware and supplies are included:	<u>Y</u> ✓

List all non-conformities raised: \_\_\_\_\_

  
Inspector Signature:  
Date:

Drawing: 77610 Revision 0  
 Assembly: 77610-01 Cargo Basket Ass'y (Quick-Release, Short, 57.25" long)

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
5 Total	77610-01	Cargo Basket Assembly			
1	77611-01	Basket Body Assembly	Below		
1	77612-01	Basket Lid Assembly	Below		
1	36255-01	Handle Bar Installation	Below		
1	36280-01	Brace Assembly	9-2081 Brace	7005	
1	MS20001P4	Piano Hinge		8024	
1	77627-01	Placard	0.063 Sheet, 6061-T6 Aluminum	960708	
3	49205-14	Bumper	Argus Industries Bumper	8071	
A/R	CR3213-4-02	Cherry Rivet		8020	
4	40088-14	Fitting	Ancra	8032	
4	AN960-616	Washer		6016	
1	AN3-15A	Bolt		6016	
1	AN3-17A	Bolt		6066	
4	AN960-10	Washer		6043	
2	AN970-3	Washer		5026	
2	MS21044N3	Nut		6016	

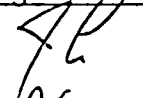


Processes	Per	Mat'ls Used	Inspection	Signature
Riveting	AC43.13-1B	CR3213-4-02 Rivets		<i>gc</i>
Final Inspection	Drawing 77610			<i>gc.</i>

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: 77611 Revision 0  
 Assembly: 77611-01 Basket Body Ass'y (Quick-Release, Short, 57.25" long)

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
5 Total	77611-01	Basket Body Assembly			
2	76421-01	Hoop	4130 Steel, 1/2" x 0.035 Sqr. Tube	8007	
2	76422-01	Attachment Hoop	4130 Steel, 1/2" x 0.035 Sqr. Tube	8007	
A/R		Tube	4130 Steel, 3/4" x 0.035 Sqr. Tube	8007	
A/R		Tube	4130 Steel, 1/2" x 0.035 Sqr. Tube	8007	
1	36262-01	Handle Bracket Assembly	Below		
1	49215-01	Spacer	1018 Steel, 1/2" Rod	951108	
A/R	3/4-16F	Mesh	Expanded carbon steel	7029	


Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER70S-2		
Powder Coat	Drawing 77611			
Final Inspection	Drawing 77611			

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Drawing: 77612 Revision 0  
Assembly: 77612-01 Basket Lid Ass'y (Quick-Release, Short, 57.25" long)

Qty Per	Part #	Description	Material	P.O.W.O.	Checked
5 Total	77612-01	Basket Lid Assembly			
A/R		Tube	4130 Steel, 3/4" x 0.035 Sqr. Tube	8007	
1	49216-01	Spacer	1018 Steel, 1/2" Rod	951108	
1	36262-01	Upper Handle Bracket Assembly	Below		
1	36204-10	Placard Bracket	1018 Steel, 0.035" Sheet	9516042	
A/R	3/4-16F	Mesh	Expanded carbon steel	7029	


Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER70S-2		
Powder Coat	Drawing 77612			jc.
Final Inspection	Drawing 77612			jc.

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Drawing: 36255 Revision 1  
Assembly: 36255-01 Handle Installation

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
5 Total	36255-01	Handle Installation			
1	36261-01	Handle Bar Assembly	Below		
2	36278-01	Spring (1 left, 1 right)	304 Stainless, 1/16" Dia Music Wire	7004	
2	36275-01	Bushing	SAE 660 Bronze, 5/16" Dia	6068	
2	AN3-14A	Bolt		6071	
4	AN960-10	Washer		6043	
2	MS21044N3	Nut		6016	

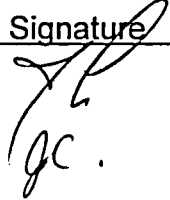
Processes	Per	Mat'ls Used	Inspection	Signature
Final Inspection	Drawing 36255			

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Drawing: 36261 Revision 4  
Assembly: 36261-01 Handle Bar Assembly

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
5 Total	36261-01	Handle Bar Assembly			
1	36277-01	Handle Bar	316 Stainless, 1.0 x 0.035 Rnd. Tube	8066	
2	36271-01	Lever	304 Stainless, 0.105 Sheet	7006	
2	36274-01	Bushing	304 Stainless, 7/16" x 0.065 Rnd. Tube	2005	
2	MS20615-4M3	Rivet		7039	

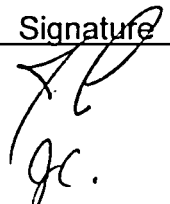
Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER308L		
Final Inspection	Drawing 36261			

Tag incomplete parts with Work Order # when stored between processes.

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Drawing: 36262 Revision 1  
Assembly: 36262-01 Handle Bracket Assembly

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
5 Total	36261-01	Handle Bracket Assembly			
1	36272-01	Basket Bracket	321 Stainless, 0.050 Sheet	3021	
2	36273-01	Lid Bracket	321 Stainless, 0.050 Sheet	3021	
2	36275-02	Support	304 Stainless, 5/16" Rod	6003	

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER308L		
Final Inspection	Drawing 36262			

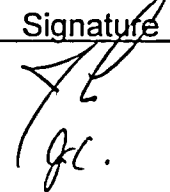
Tag incomplete parts with Work Order # when stored between processes.

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Drawing: 70406 Revision 1  
Assembly: 70406-01 Open Front End Modification

Qty Per	Part #	Description	Material	P.O.W.O.	Checked
3 Total	70406-01	Open Front End Modification			
1	70406-03	Tube	4130 Steel, 1/2" x 0.035 Sqr. Tube	8007	
1	70406-04	Tube	4130 Steel, 1/2" x 0.035 Sqr. Tube	8007	
1	3/4-16F	Mesh	Expanded Carbon Steel	7029	

Note: Remainder of assembly listed on drawing 76611

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER70S-2		
Final Inspection	Drawing 70404			

Tag incomplete parts with Work Order # when stored between processes.

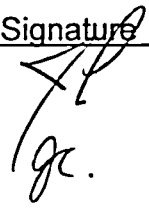
Tag complete parts / assemblies with Release Tag prior to storage.



Drawing: 70405 Revision 0  
Assembly: 70405-01 Lid Step Modification

Qty Per	Part #	Description	Material	P.O./W.O.	Checked
2 Total	70405-01	Lid Step Modification			
1	70405-03	Tube	4130 Steel, 3/4" x 0.035 Sqr. Tube	8007	
1	70405-04	Tread Plate	3003 Aluminum Tread Plate, 0.063"	7058	
A/R	CR3213-4-2	Cherry Rivet		8020	

Note: Remainder of assembly listed on drawing 76612

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER70S-2		
Final Inspection	Drawing 70405			

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AERO Design Ltd.  
2013 - 39<sup>th</sup> Ave. NE  
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA  
TCCA 24-0078  
AMF # 73-04

Product: Quick Release Cargo Basket Part #: 77610-01

Approval #: SH08-16 Serial #: 77601-01

WO #: 2008-16 Quantity: 1

Eligibility: Eurocopter AS350/355 Series Work Status: Manufactured

Remarks: Modified with Lid Step and Open Front End IAW DCL704

*I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.*

April 3/09  
Date

[Signature]  
Inspector's Signature

AERO Design Ltd.  
2013 - 39<sup>th</sup> Ave. NE  
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA  
TCCA 24-0078  
AMF # 73-04

Product: Quick Release Cargo Basket Part #: 77610-01

Approval #: SH08-16 Serial #: 77601-04

WO #: 2008-16 Quantity: 1

Eligibility: Eurocopter AS350/355 Series Work Status: Manufactured

Remarks: Modified with Lid Step IAW DCL704

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April 3/09  
Date

[Signature]  
Inspector's Signature

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2013 - 39<sup>th</sup> Ave. NE  
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA  
TCCA 24-0078  
AMF # 73-04

Product: Quick Release Cargo Basket Part #: 77610-01

Approval #: SH08-16 Serial #: 77601-05

WO #: 2008-16 Quantity: 1

Eligibility: Eurocopter AS350/355 Series Work Status: Manufactured

Remarks: Modified with Lid Step IAW DCL704

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April 3/09  
Date

[Signature]  
Inspector's Signature

AERO Design Ltd.  
2013 - 39<sup>th</sup> Ave. NE  
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA  
TCCA 24-0078  
AMF # 73-04

Product: Quick Release Cargo Basket Part #: 77610-01

Approval #: SH08-16 Serial #: 77601-06

WO #: 2008-16 Quantity: 1

Eligibility: Eurocopter AS350/355 Series Work Status: Manufactured

Remarks: Modified with Front End Cutout IAW DCL704

*I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.*

April 3/08  
Date

Jff Chk.  
Inspector's Signature

AERO Design Ltd.  
2013 - 39<sup>th</sup> Ave. NE  
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA  
TCCA 24-0078  
AMF # 73-04

Product: Quick Release Cargo Basket Part #: 77610-01

Approval #: SH08-16 Serial #: 77601-07

WO #: 2008-16 Quantity: 1


Eligibility: Eurocopter AS350/355 Series Work Status: Manufactured

Remarks: Modified with Lid Step and Open Front End IAW DCL704


*I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.*

April 3/08  
Date

Jff Chk.  
Inspector's Signature

1. Approving Civil Aviation Authority/Country <b>Transport Canada</b>		2. AUTHORIZED RELEASE CERTIFICATE <b>FORM ONE</b>			3. Form Tracking No.	
4. Organization Name and Address <b>AERO Design Ltd. – 2013 39<sup>th</sup> Avenue NE, Calgary, Alberta, T2E 6R7</b>					5. Work Order/Contract/Invoice <b>WO2008-16</b>	
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work	
	<b>Short Cargo Basket</b>	<b>77610-01</b>	<b>1</b>	<b>77601-01</b>	<b>New</b>	
12. Remarks <b>Modified with walkway on lid and front end cutout IAW DCL704</b>						
13a. Certifies that the items identified above were manufactured in conformity to:			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12			
<input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations.			
13b. Signature 		13c. Approved Organization Number <b>AMF 73-04</b>		14b. Signature		14c. Approved Organization Number
13d. Name <b>Jeff Clarke</b>		13e. Date (dd/mmm/yyyy) <b>23 June 2011</b>		14d. Name		14e. Date (dd/mmm/yyyy)
<p align="center"><b>Installer Responsibilities</b></p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>						

AMF

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE				3. Form Tracking No.	
4. Organization Name and Address AERO Design Ltd. – 2013 39 <sup>th</sup> Avenue NE, Calgary, Alberta, T2E 6R7			5. Work Order/Contract/Invoice WO 2008-16				
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work	12. Remarks	
	Cargo Basket Assy	77610-01	1	77601-04	New	Modified with front end cutout and walkway on lid IAW DCL704	
13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.							
13b. Signature 		13c. Approved Organization Number AMF 73-04		14b. Signature		14c. Approved Organization Number	
13d. Name Jeff Clarke		13e. Date (dd/mm/yyyy) 09 Apr 2009		14d. Name		14e. Date (dd/mm/yyyy)	
Installer Responsibilities This certificate does not constitute authority to install. Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified. Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.							



**Aero Design Ltd.**

**9888 A Malaspina Rd. Powell River, BC, V8A 0G3**

**Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca**

**AMF 73-04**

**In Process**

DESTROYED JC. Remarks



## Aero Design Ltd.

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04

Nomenclature: BASKET BODY (ASSO SHD) No. of pieces: 1

Manufacturer: AERO DESIGN

Part No.: 77611-01 Serial / Batch No.: U/K

TTSN: N/A TSO: N/A Rem.: N/A

Work Order No.: 2008-16

Remaining Tasks to be Performed: ASSEMBLY w/ LID

\_\_\_\_\_

\_\_\_\_\_

Signature: [Signature]

Date: 13 AUG 2013 Lic. No. / ACA \_\_\_\_\_

In Process



## Aero Design Ltd.

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04

Nomenclature: BACKET ASSY (AS350 SHIT) No. of pieces: 1

Manufacturer: AERO DESIGN

Part No.: 77610-01 Serial / Batch No.: 77601-05

TTSN: N/A TSO: N/A Rem.: N/A

Work Order No.: 2005-16

Remaining Tasks to be Performed: HANDLE / FINISH

Signature: [Signature]

Date: 13 AUG 2013 Lic. No. / ACA

In Process





Aero Design Ltd.

9888 A Malaspina Rd. Powell River, BC, V8A 0G3

Phone: 604-483-2376 Fax: 604-483-2372 E-mail: info@aerodesign.ca

AMF 73-04

In Process

DESTROYED JC. Remarks